

Essential Learning Outcomes

Knowledge of Human Cultures and the Physical and Natural World

- Through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts

Focused by engagement with big questions, both contemporary and enduring

Intellectual and Practical Skills, Including

- Inquiry and analysis
- Critical and creative thinking
- Written and oral communication
- Quantitative literacy
- Information literacy
- Teamwork and problem solving

Practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance

Personal and Social Responsibility, Including

- Civic knowledge and engagement—local and global
- Intercultural knowledge and competence
- Ethical reasoning and action
- Foundations and skills for lifelong learning

Anchored through active involvement with diverse communities and real-world challenges

Integrative and Applied Learning, Including

- Synthesis and advanced accomplishment across general and specialized studies

Demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems

The Principles of Excellence

Principle One: **Aim High—and Make Excellence Inclusive**

Make the Essential Learning Outcomes a Framework for the Entire Educational Experience, Connecting School, College, Work, and Life

Principle Two: **Give Students a Compass**

Focus Each Student's Plan of Study on Achieving the Essential Learning Outcomes—and Assess Progress

Principle Three: **Teach the Arts of Inquiry and Innovation**

Immerse All Students in Analysis, Discovery, Problem Solving, and Communication, Beginning in School and Advancing in College

Principle Four: **Engage the Big Questions**

Teach through the Curriculum to Far-Reaching Issues—Contemporary and Enduring—in Science and Society, Cultures and Values, Global Interdependence, the Changing Economy, and Human Dignity and Freedom

Principle Five: **Connect Knowledge with Choices and Action**

Prepare Students for Citizenship and Work through Engaged and Guided Learning on “Real-World” Problems

Principle Six: **Foster Civic, Intercultural, and Ethical Learning**

Emphasize Personal and Social Responsibility, in Every Field of Study

Principle Seven: **Assess Students' Ability to Apply Learning to Complex Problems**

Use Assessment to Deepen Learning and to Establish a Culture of Shared Purpose and Continuous Improvement